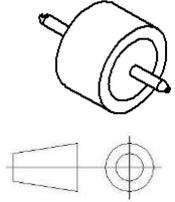
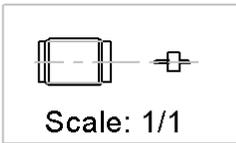
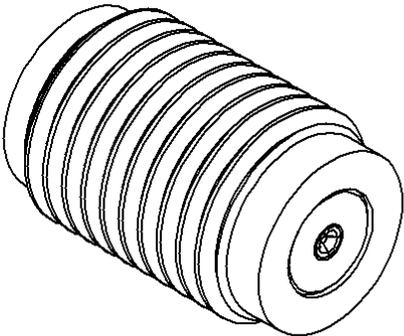
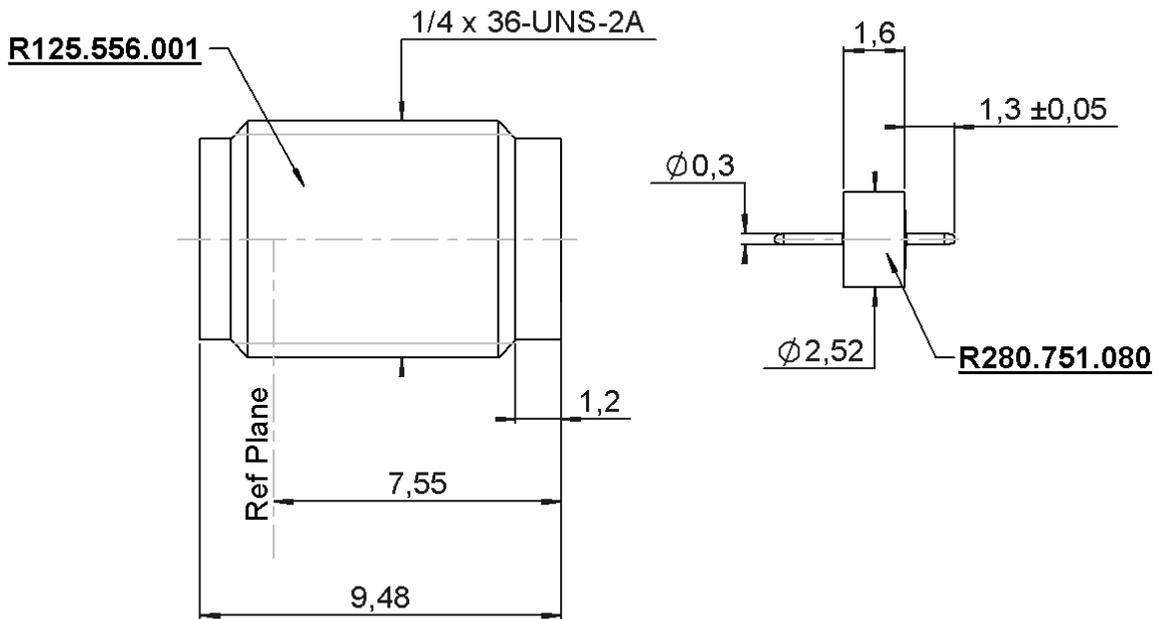


PAGE 1/4	ISSUE 29-03-19A	SERIES SMA	PART NUMBER R125638021
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All dimensions are in mm. Tolerances according ISO 2768 m-H

COMPONENTS	MATERIALS	PLATING (µm)
Body	STAINLESS STEEL	PASSIVATED
Center contact	BERYLLIUM COPPER	GOLD OVER NICKEL
Outer contact		
Insulator	PTFE	
Gasket		
Others parts	DILVER P	GOLD OVER NICKEL
-	-	-
-	-	-

PAGE 2/4	ISSUE 29-03-19A	SERIES SMA	PART NUMBER R125638021
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PACKAGING

Standard	Unit	Other
1	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance		50	Ω	
Frequency		0-18	GHz	
VSWR	1.06* +	0,0100	x F(GHz) Maxi	
Insertion loss		0.07*	√F(GHz) dB Maxi	
RF leakage	- (NA	- F(GHz)) dB Maxi	
Voltage rating		500	Veff Maxi	
Dielectric withstanding voltage		1000	Veff mini	
Insulation resistance		5000	MΩ mini	

MECHANICAL CHARACTERISTICS

Center contact retention				
Axial force – Mating End		27	N mini	
Axial force – Opposite end		27	N mini	
Torque		NA	N.cm mini	

Recommended torque				
Mating		NA	N.cm	
Panel nut		190	N.cm	

Mating life		500	Cycles mini	
Nominal Weight (Add +15% for max weight)		1,2000	g	

ENVIRONMENTAL

Operating temperature	-65/+125	°C	
Hermetic seal	NA	Atm.cm3/s	
Panel leakage	NA		

SPECIFICATION

OTHER CHARACTERISTICS

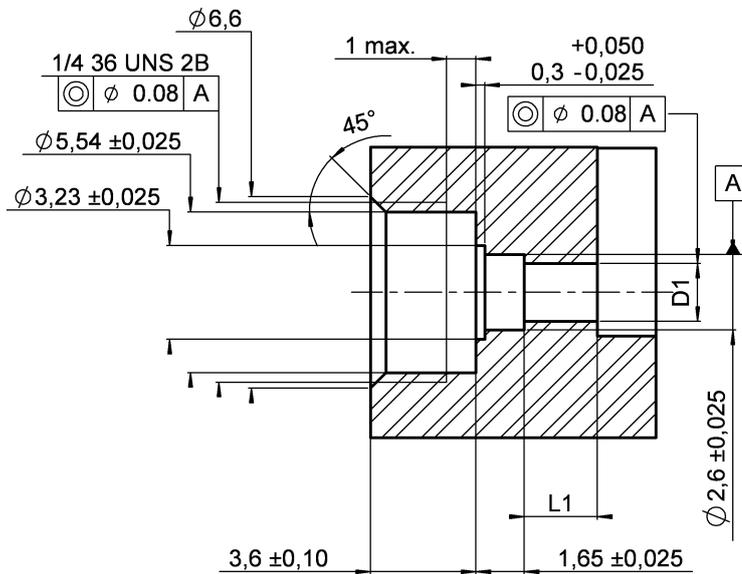
Assembly instruction:

Others:

*** Coaxial Transmission Line Only**

PAGE 3/4	ISSUE 29-03-19A	SERIES SMA	PART NUMBER R125638021
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RECOMMENDED MOUNTING HOLE DETAIL



D1 and L1 dimensions have to be determined according to each application.

We advise of two following case : (see page 4)

-using of the R280 469 000 removable socket :

$$D1 = 2 + ou - 0.02$$

$$L1 = 2.5 + ou - 0.1$$

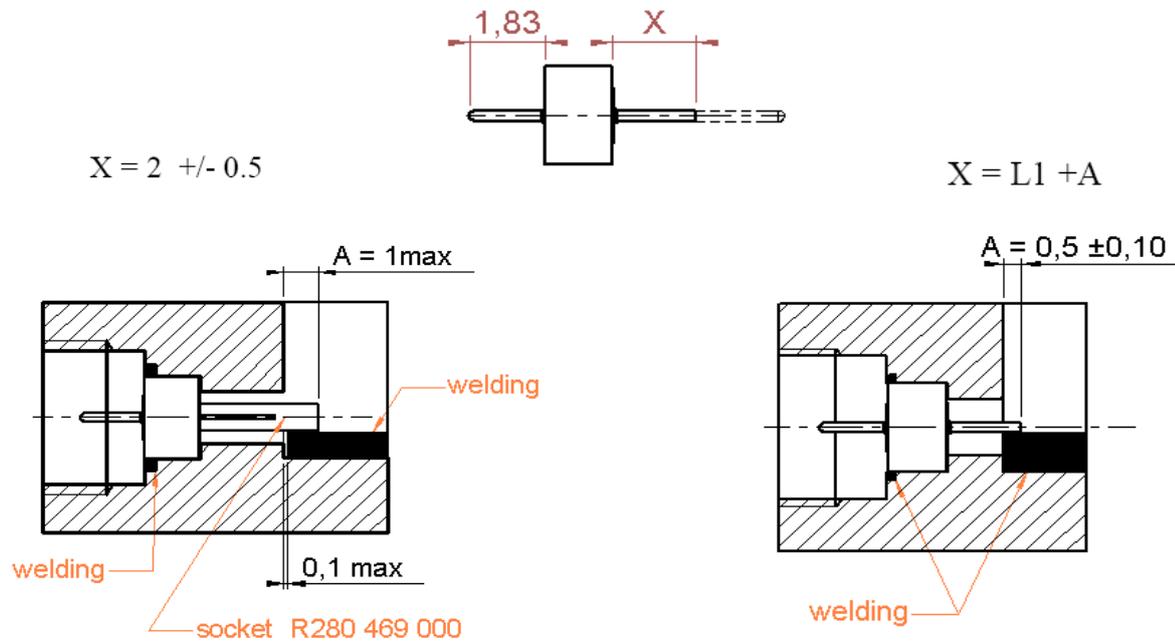
-the bead pin is directly welded on the track :

$$D1 = 0.70 + ou - 0.02$$

L1 = 1 to 4 according to customer's design criteria.

PAGE 4/4	ISSUE 29-03-19A	SERIES SMA	PART NUMBER R125638021
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ASSEMBLY INSTRUCTIONS



GLASS BEAD

- 1- Adjust X by cutting the pin if necessary.
- 2- Introduce the glass bead into its housing as here above (with the mounted socket)
- 3- Weld the ring by putting a welding wire in the groove.
- 4- Weld the pin (or socket) on the track. Beware of putting too much welding

IMPORTANT : for maximum RF characteristics the link track/pin must be as thin as possible.

We advise you to respect rigorously the A dimension, by welding accurately the bead pin directly on the track (right drawing).

CONNECTOR

- Screw the connector into the housing. Tighten it up to 190 cmN +/- 10 cmN
- (use special tooling set RADIALL R282 341 010)